

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050104

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H04M, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20020130774 A1 (B.BRONSON), 19 Sept 2002 (19.09.2002), figures 1-2, abstract, chapters 0021-0048 --	1-12
X	WO 0143483 A1 (TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)), 14 June 2001 (14.06.2001), page 1, line 1 - page 8, line 8, figures 1-3b, abstract	1,3-4,6,8,11
A	--	2,5,7,9-10, 12

☒ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

3 November 2004

Date of mailing of the international search report

09-11-2004

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Roland Landström /itw

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050104

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1035746 A1 (SONY INTERNATIONAL (EUROPE) GMBH), 13 Sept 2000 (13.09.2000), column 1, line 1 - column 9, line 20, figures 1-3, abstract	1,3,5-6,8
A	--	2,4,7,9-12
X	GB 2371907 A (HEWLETT-PACKARD COMPANY), 7 August 2002 (07.08.2002), page 1, line 1 - page 9, line 12, abstract	1-3,5-8
A	--	4,9-12
X	US 20030134627 A1 (M.AZUA HIMMEL ET AL), 17 July 2003 (17.07.2003), figures 1-11, abstract, chapters 0030-0066	1-3,5-8
A	--	4,9-12
X	WO 9918745 A1 (SIEMENS AKTIENGESELLSCHAFT), 15 April 1999 (15.04.1999), page 1, line 1 - page 13, line 22, figures 1-7, abstract	1-3,5-8
A	--	4,9-12
X	GB 2329794 A (MOTOROLA GMBH), 31 March 1999 (31.03.1999), page 1, line 1 - page 4, line 6, figures 1-3, abstract	1-3,5-8
A	--	4,9-12
A	US 20020090931 A1 (S.PAPINEAU ET AL), 11 July 2002 (11.07.2002), figures 1-2, abstract, chapters 0005-0025	1-12
	--	

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/050104

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20020039896 A1 (B.A.BROWN), 4 April 2002 (04.04.2002), figures 1-3, abstract, chapters 0006-0029 -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/FI. 2004/050104

US	20020130774	A1	19/09/2002	US	6603397	B	05/08/2003
WO	0143483	A1	14/06/2001	AU	2036701	A	18/06/2001
				CN	1409934	T	09/04/2003
				EP	1234473	A	28/08/2002
				JP	2003516684	T	13/05/2003
				SE	522654	C	24/02/2004
				SE	9904524	A	11/06/2001
				US	20010041552	A	15/11/2001
EP	1035746	A1	13/09/2000	NONE			
GB	2371907	A	07/08/2002	AU	7428501	A	08/01/2002
				GB	0102728	D	00/00/0000
				GB	0201831	D	00/00/0000
				GB	2374968	A	30/10/2002
				US	6738572	B	18/05/2004
				US	20020106202	A	08/08/2002
US	20030134627	A1	17/07/2003	WO	03063537	A	31/07/2003
WO	9918745	A1	15/04/1999	CN	1132483	B	24/12/2003
				CN	1274512	T	22/11/2000
				DE	19744263	C	06/05/1999
				DE	59806377	D	00/00/0000
				EP	1025738	A,B	09/08/2000
				ES	2188025	T	16/06/2003
GB	2329794	A	31/03/1999	GB	9720383	D	00/00/0000
US	20020090931	A1	11/07/2002	NONE			
US	20020039896	A1	04/04/2002	GB	0024231	D	00/00/0000
				GB	2367720	A,B	10/04/2002